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By: Georgann S. Grunebach, Reg. No. 33,179 (Name of Registered Representative)

IN 28, 2004 Onto

Customer Number 020991

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Date: July 28, 2004

Frank A. Hagen, et al

09/576,652 Serial No.:

Art Group No.: 2684

Filed:

May 22, 2000

Examiner: Raymond S. Dean

MULTI-NODE POINT-TO-POINT SATELLITE COMMUNICATION For:

SYSTEM EMPLOYING MULTIPLE GEO SATELLITES

Attorney Docket No.:

PD-200029

SUPPLEMENTAL DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(c)

Mail Stop RCE Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Sir:

In compliance with 37 C.F.R. § 1.97(c), the art listed and identified on the attached PTO form (copies of references enclosed) is being submitted herewith for consideration by the Examiner.

PAGE 3/65 * RCVD AT 7/28/2004 6:40:36 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/0 * DNIS:8729314 * CSID:3109640941 * DURATION (mm-ss):21-58

09/576,652

PD-200029

This information disclosure statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

PAYEMNT OF FEE SET FORTH IN § 1.17(P)

Please charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California, in the amount of \$180.00. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to that account. This form is being submitted in duplicate.

Respectfully submitted,

Georgann S. Grunebach Registration No. 33,179 Autorney for Applicant(s)

Date: July 28, 2004

The DIRECTV Group, Inc. 2250 East Imperial Highway P. O. Box 956 El Segundo, CA 90245 Telephone: (310) 964-4615

PTO/SB/08A (00-03)

Approved for use through 97/31/2008. OMB 0651-0031

U.S. Patent and Tradement Office: U.S. DEPARTMENT OF COMMERCS

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Substitute for form 1448/PTO

Complete If Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Lise as many sheets as necessary)

Сотрівів я кломл				
Application Number	09/576,652			
Filing Date	May 22, 2000			
First Named Inventor	Hagen, Frank A.			
Art Unit	2684			
Examiner Name	Dean, Raymond S.			
Attorney Docket Number	PD-200029			

Examiner City Initials* No.1	Cite	Document Number	Publication Data	Name of Patertes of	Pages, Columns, Lines. Where	
	Number-Kind Code ^{2 (* trous)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear		
		^{µs.} 6,019,318	02-01-2000	Cellier et al.	<u> </u>	
·		^{US-} 6,126,116	10-03-2000	Cellier et al.		
		US-6,325,332 B1	12-04-2001	Cellier et al.		
		US- 6,327,523 B2	12-04-2001	Cellier et al.		
		^{US-} 6,389,336 B2	05-14-2002	Cellier et al.		
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		FORE	GN PATENT DOCU	MENTS		
Examiner Initials*	Cite	Foreign Petent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
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*EXAMINER: Initial if reterence considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (options). 'See Kinds Codes of USPTO Patent Documents at www.usptc.gov or MPEP 801-04. 'Enter Office that issued the document, by the two-letter code (WPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor that precede the serial number of the patent document. 'Inter of the patent document is to patent as indicated on the document under WIPO Standard ST.16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

Institution is attached.

This collection of information is required by 37 CFR 1.97 and 1.88. The information is required to obtain or retain a bonefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete. Including gathering, properting, and submitting the completed epplication form to the USPTO. Time will vary depending upon the individual case. Any comments on the empirical figure you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademat. Office, P.O. Box 1480, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1480, Alexandria, VA 22313-1450.

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